

AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (Currently Amended) A composition for the manufacture of environmentally friendly paper, comprising about ~~[[56%]]~~ 70% to about 80% by weight of inorganic mineral powders, about ~~[[43%]]~~ 28% to about 18% by weight of polyethylene, and about 1% to about 2% by weight of an additive, wherein the additive is at least one of beta-(3,4-epoxycyclohexyl)ethyltrimethoxy-silane, N-oley palmitamide, N,N-bis(2-hydroxyethyl)cocoamine, or N,N-bis(2-hydroxyethyl)stearyl amine.

17. (Original) A composition according to claim 16, wherein said inorganic mineral powders are selected from the group consisting of calcium carbonate, calcium sulfate, barium sulfate, kaolin, mica, zinc oxide, dolomite, glass fiber, hollow glass microbead, silica, chalk, talc, pigment, titanium dioxide, silica dioxide, bentonite, clay, diatomaceous earth and mixtures thereof.

18. (Original) A composition according to claim 16, wherein the polyethylene comprises high density polyethylene, or a combination of high density polyethylene with at least one selected from the group consisting of medium density polyethylene and low density polyethylene.

19. (Canceled)

20. (Previously presented) The composition of Claim 16, wherein the composition is in granule form.

21-23. (Canceled)

24. (Withdrawn-currently amended) An environmentally friendly paper, comprising a sheet having at least one layer, wherein the layer is made from a material comprising:

from about 70% to about 80% by weight of inorganic mineral powders,

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from about ~~[[29%]]~~ 28% to about 18% by weight of polyethylene; and
from about 1% to about 2% by weight of an additive,
wherein the paper has a thickness in the range of from about 73 micrometers to about
116 micrometers.

25. (Withdrawn) The paper of Claim 24, wherein the sheet comprises at least two
layers.

26. (Withdrawn) The paper of Claim 24, wherein the composition of at least one
layer is different from the composition of another layer.

27. (New) A composition for the manufacture of environmentally friendly paper,
comprising about 70% to about 80% by weight of inorganic mineral powders, about 28% to
about 18% by weight of polyethylene, and about 1% to about 2% by weight of an additive.

28. (New) A composition according to Claim 27, wherein said inorganic mineral
powders are selected from the group consisting of calcium carbonate, calcium sulfate, barium
sulfate, kaolin, mica, zinc oxide, dolomite, glass fiber, hollow glass microbead, silica, chalk, talc,
pigment, titanium dioxide, silica dioxide, bentonite, clay, diatomaceous earth and mixtures
thereof.

29. (New) A composition according to Claim 27, wherein the polyethylene
comprises high density polyethylene, or a combination of high density polyethylene with at least
one selected from the group consisting of medium density polyethylene and low density
polyethylene.

30. (New) The composition according to Claim 27, wherein the composition is in
granule form.

31. (New) A composition according to Claim 27, wherein the additive is at least one of beta-(3,4-epoxycyclohexyl)ethyltrimethoxy-silane, N-oleyl palmitamide, N,N-bis(2-hydroxyethyl)cocoamine, or N,N-bis(2-hydroxyethyl)stearyl amine

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